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Name(s): Edited by David Fischer and Thomas Moriarity

Title: *Pesticide Risk Assessment for Pollinators*

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Endorsements: n/a

Blurb: Pollinators play a vital role in ecosystem health as well as being essential to ensuring food security. With significant declines in both managed and wild pollinator populations in recent years, scientists and regulators have sought answers to this problem and have explored implementing steps to ensure pollinator populations now and in the future. *Pesticide Risk Assessment for Pollinators* focuses on the role pesticides play in impacting bee populations and looks to develop tools to better assess the risks that go hand in hand with their use.

Pesticide Risk Assessment for Pollinators opens with two chapters that provide a sound foundation in the biology of both *Apis* and non-*Apis* species of pollinators. Chapters then move to coverage of risk assessment analyses of pesticide use, decision-making processes, and statistical and modeling tools useful in assessing the impacts of pesticide use on pollinator populations.

Summarizing the current state of the science surrounding risk assessment for *Apis* and non-*Apis* species, *Pesticide Risk Assessment for Pollinators* is a timely work that will be of great use to the environmental science and agricultural research communities.

- Bullet points:**
- Timely coverage of risk assessment to native and managed pollinators from pesticide use
 - Summarizes the state of the science in toxicity testing and the assessment of risk of pesticides
 - Provides valuable overviews of the biology of both *Apis* and non-*Apis* pollinators
 - Develops a plausible overall risk assessment framework for regulatory decision making
 - Looks towards a globally harmonized approach for pollinator toxicity and risk assessment

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